



YOUR PARTNER IN LED LIGHTING



LED Tunnel Light

User Manual



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Important Notice: The user must follow the method of connection on the USER MANUAL; otherwise our company shall not be held liable for any hurts or damages occur on people or products itself because of maloperation.

(Warning)

Please install the product according to the manual or it may cause electric shock or fire because of incautious operation ;

Please do not use the product in the environment which the shock or vibration frequently happens, easy to burn or there is a corrosive gas, or it may cause drop or electric shock ;

At least 1 meter distance from the surface to be illuminated, or it may cause fire ;

Change or modification of the product is prohibited, or it may cause the electric shock, spark or drop ;

Lamp must have reliable grounding measure. Therein, yellow and green line is grounding light, blue line is null line, brown line is live line, or it may cause the fire or electric shock ;

In process of starting up or using, please turn off the power immediately once there is smoking or unusual smell.

(Cautions)

Please check if the lamp is broken during transportation and hold the original packing materials, till all of the products and spare parts are checked and listed ;

The product can't be disassembled by unprofessional person, and must make sure the power off before disassembling or maintaining ;

The street light can't be disassembled before turning off the power. Hand touch of the circuit is prohibited ;

The tools or testing equipments which guide the exterior electronical signal into system equipment is prohibited. Such electronical signal can permanently damage the equipment ;

There is isolation protection layer on circuit board, please do not touch the acidic materials when you disassembling the circuit board, like sweat etc. Please use plate washer water to clean the circuit board when there is stain or dust ;

The electrical leakage is possible when the lamp is transferred from cold environment to warm environment, so please make sure the grounding to be implemented strictly ;

The maintenance for the lamp have to wait at least 5 mins after turning off the power, due to the capacity have enough time to discharge and keep the lamp cool ;

Please pay attention not to hand touch areas which marked with Security Warning or High Voltage, or electric shock and scald may occur ;



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Only professional or authorized person can operate to connect the lamp with the power ;

The lamp shall work under specification condition.

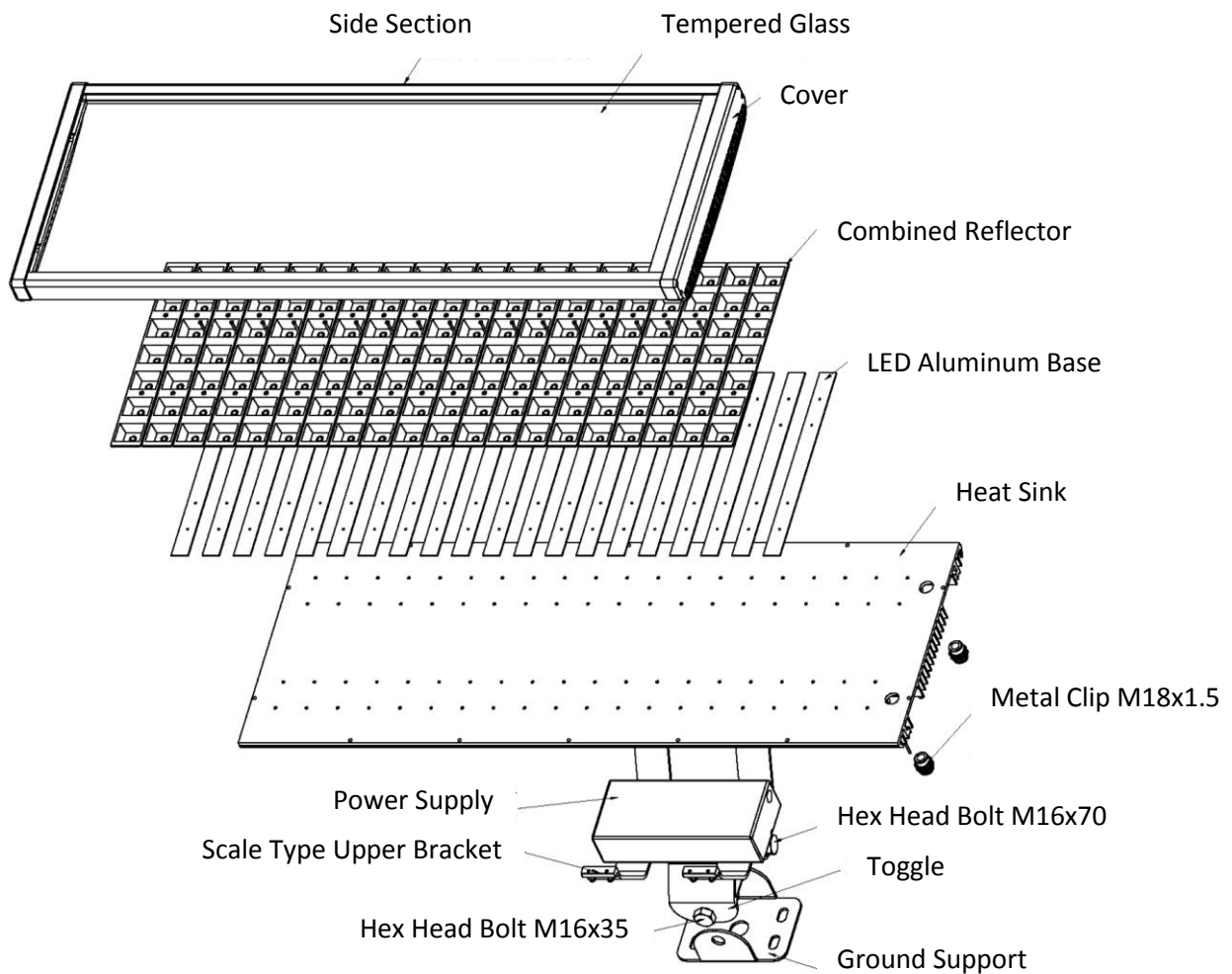
(Main Technical Parameter)

- 1、 (Rated Output Power) : ____W,
- 2、 (Rated Input Voltage) : 100-240Vac 100-277Vac
- 3、 (Rated Input Frequency Range) : 47~63Hz ;
- 4、 (Power Factor) : ≥ 0.95 , (Protection Rating) : IP65 ;
- 5、 (Rated Initial Luminous Flux) : ____lm ;
- 6、 (Rated Color Temperature) : ____K, (Beam Angle) : 100*90
- 7、 (Net Weight) : ____Kg, (Gross Weight) : ____Kg ;
- 8、 (Maximum Illumination Area) : ____m²
- 9、 2M Ω ; Insulation Resistance : Insulation resistance between AC input end and lamp bodies is over 2M Ω ;
- 10、 Volt: AC1440V,
Dielectric Strength: AC1440V between AC input end and lamp body for 1 min, no sparkles, breakdown or flashover.
- 11、 0.5 Ω 。

Safe grounding: There is ground terminal for safe protection. Ground terminal is in good connection with lamp body, the contact resistance is less than 0.5 Ω between ground terminal and lamp body.

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(Structure)



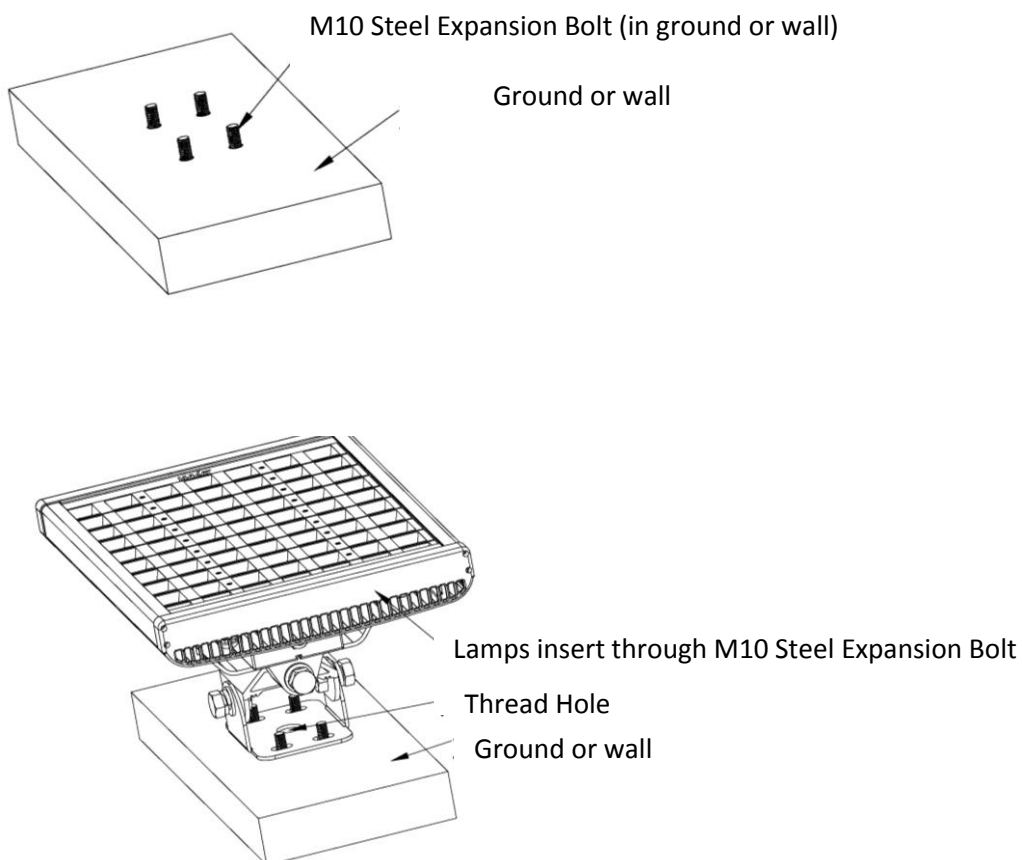
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(Environment Condition)

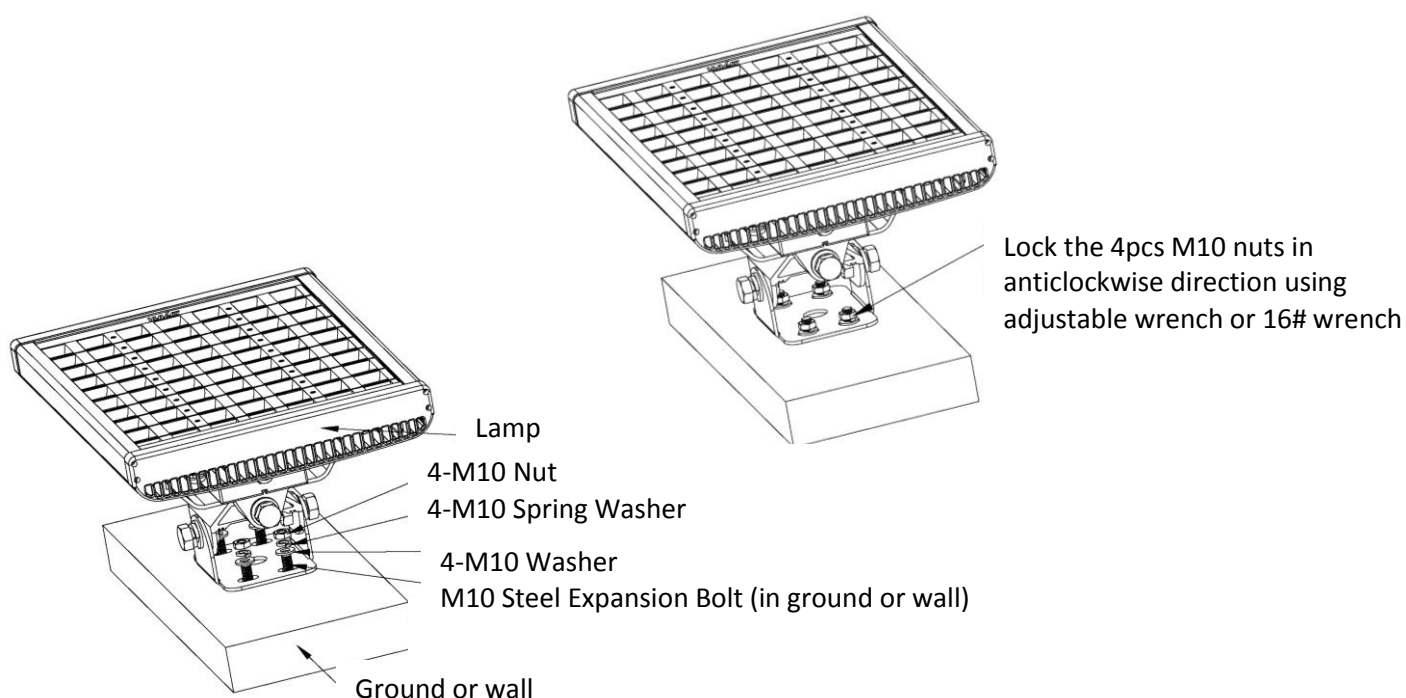
1. Installation environment: Outdoor in tunnels or indoor (cannot be installed on objects apt to burn)
2. Wind resistance: Wind force < 36m/s;
3. Atmospheric pressure: 86kPa ~ 106kPa
4. Sea Level: $\leq 4000\text{M}$;
5. Working temperature: -40°C - $+50^{\circ}\text{C}$;
6. Relative humidity: 10% - 95%.

(Lamp Installation)

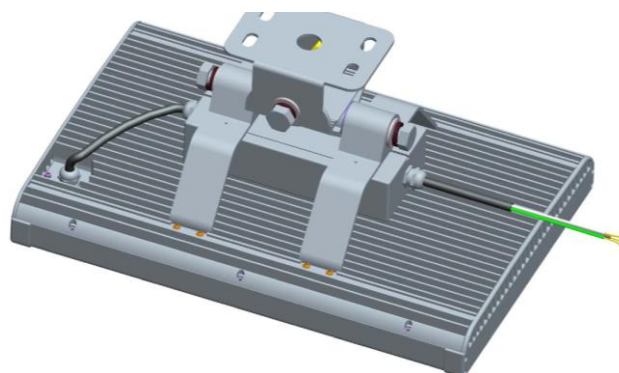
4. 1 (Lamps mounted on ground or wall)



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4. (Wiring Diagram)



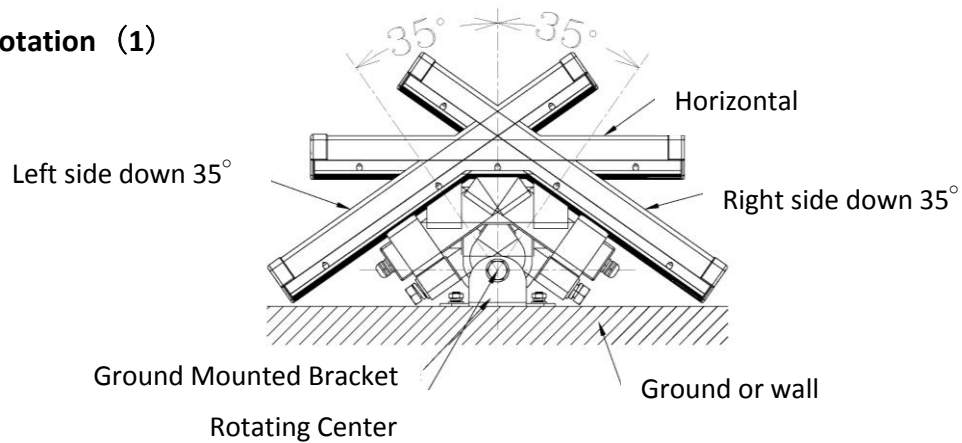
Note: If there is lamp external cord broken or damage, only manufacturer or agent authorized by the manufacturer can change the cord in case of any danger. AC input cables shall not less than 1.25mm².

Attention: Yellow and green lines are grounding lines, blue line is null line and brown line is live line.

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4. (Angle Adjustment)

Rotation (1)



Rotation (2)

